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Alberta Oil Sands

Annual Statistics 1996

Alberta Oil Sands

Annual Statistics for 1996

**ALBERTA ENERGY AND UTILITIES BOARD
STATISTICAL SERIES**

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640 Fifth Avenue SW
Calgary, Alberta, Canada
T2P 3G4

Telephone (403) 297-8190
Fax (403) 297-7336

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Note: Inquiries regarding this publication should be directed to the EUB's Oil Sands Department at 297-2399.

Standard of Measurements

1. Grade: Mass per cent bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15°C.
3. Liquid volume at 15°C.

-
1. Synthetic crude oil production does not include naphtha production.
 2. Other hydrocarbons production includes light slop material.
 3. Sulphur production includes flared/waste.
 4. Distillate production does not include heavy fuel oil.



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**Annual
1996**

Synthetic Crude Oil (cubic metres)

January February March April May

Suncor

Opening Inventory	102 413	82 078	76 210	95 570	95 381
Production	347 766	322 152	374 232	330 900	238 434
	450 179	404 230	450 442	426 470	333 815
Closing Inventory	82 078	76 210	95 570	95 381	86 549
	368 101	328 020	354 872	331 089	247 266
Site Fuel / Use	2 766	3 089	3 084	3 375	4 431
Flared / Waste	0	0	0	0	0
Alberta Fuel	40 001	36 195	40 119	42 232	37 070
Metering Difference	109	158	71	(15)	(185)
Deliveries	325 225	288 578	311 598	285 497	205 950
	368 101	328 020	354 872	331 089	247 266

Syncrude

Opening Inventory	56 243	54 176	43 560	64 968	37 808
Production	1 005 118	855 947	1 049 596	598 664	1 007 829
	1 061 361	910 123	1 093 156	663 632	1 045 637
Closing Inventory	54 176	43 560	64 968	37 808	50 029
	1 007 185	866 563	1 028 188	625 824	995 608
Site Fuel / Use	11 888	8 443	9 661	6 843	10 461
Metering Difference	4	19	(39)	49	(22)
Deliveries	995 293	858 101	1 018 566	618 932	985 169
	1 007 185	866 563	1 028 188	625 824	995 608

June	July	August	September	October	November	December	1996
86 549	97 351	110 027	82 481	83 638	102 290	105 367	102 413
337 525	345 982	269 328	275 800	362 784	361 464	328 845	3 895 212
424 074	443 333	379 355	358 281	446 422	463 754	434 212	3 997 625
97 351	110 027	82 481	83 638	102 290	105 367	83 855	83 855
326 723	333 306	296 874	274 643	344 132	358 387	350 357	3 913 770
4 057	4 731	4 518	3 715	4 536	3 996	4 651	46 949
0	0	0	0	0	0	0	0
52 637	40 092	42 232	37 070	52 637	49 649	46 633	516 566
430	(2)	530	(429)	653	128	(208)	1 240
269 599	288 485	249 594	234 287	286 306	304 614	299 281	3 349 015
326 723	333 306	296 874	274 643	344 132	358 387	350 357	3 913 770
50 029	102 188	36 235	102 300	41 400	34 200	28 749	56 243
1 109 556	908 415	1 111 075	1 066 308	1 095 555	985 801	958 585	11 752 449
1 159 585	1 010 603	1 147 310	1 168 608	1 136 955	1 020 001	987 334	11 808 692
102 188	36 235	102 300	41 400	34 200	28 749	30 593	30 593
1 057 397	974 368	1 045 010	1 127 208	1 102 755	991 252	956 741	11 778 099
7 206	6 957	10 462	8 441	6 612	6 496	6 107	99 577
(94)	119	(119)	110	13	10	(3)	47
1 050 285	967 292	1 034 667	1 118 657	1 096 130	984 746	950 637	11 678 475
1 057 397	974 368	1 045 010	1 127 208	1 102 755	991 252	956 741	11 778 099

Other Hydrocarbons (cubic metres)

	January	February	March	April	May
Suncor					
Diluent Naphtha					
Opening Inventory	39 290	39 760	42 986	35 491	34 219
Production	19 562	14 890	14 976	20 775	26 167
	58 852	54 650	57 962	56 266	60 386
Closing Inventory	39 760	42 986	35 491	34 219	42 371
	19 092	11 664	22 471	22 047	18 015
Further processing	15 264	7 903	19 017	17 162	14 302
Flared / Waste	3 828	3 761	3 454	4 885	3 713
Metering Difference	0	0	0	0	0
	19 092	11 664	22 471	22 047	18 015

Syncrude

Diluent Naphtha

Opening Inventory	64 122	71 568	70 387	68 930	66 903
Production	19 112	12 238	16 456	13 247	14 021
	83 234	83 806	86 843	82 177	80 924
Closing Inventory	71 568	70 387	68 930	66 903	68 600
	11 666	13 419	17 913	15 274	12 324
Further processing	3 865	5 595	9 029	11 357	7 141
Flared / Waste	7 801	7 824	8 884	3 917	5 184
Metering Difference	0	0	0	0	(1)
	11 666	13 419	17 913	15 274	12 324

June	July	August	September	October	November	December	1996
42 371	40 791	38 683	35 149	38 356	43 086	39 898	39 290
13 083	15 687	17 041	20 922	25 256	24 990	20 588	233 937
55 454	56 478	55 724	56 071	63 612	68 076	60 486	273 227
40 791	38 683	35 149	38 356	43 086	39 898	36 879	36 879
14 663	17 795	20 575	17 715	20 526	28 178	23 607	236 348
9 689	13 794	19 079	13 184	14 643	25 525	21 801	191 363
4 974	4 001	1 496	4 531	5 883	2 653	1 806	44 985
0	0	0	0	0	0	0	0
14 663	17 795	20 575	17 715	20 526	28 178	23 607	236 348
68 600	69 476	67 032	73 766	73 154	73 133	69 966	64 122
16 946	9 736	19 788	15 051	15 295	12 458	11 901	176 249
85 546	79 212	86 820	88 817	88 449	85 591	81 867	240 371
69 476	67 032	73 766	73 154	73 133	69 966	66 165	66 165
16 070	12 180	13 054	15 663	15 316	15 625	15 702	174 206
10 447	6 727	7 129	9 034	9 194	10 794	10 882	101 194
5 623	5 453	5 925	6 628	6 123	4 832	4 820	73 014
0	0	0	1	(1)	(1)	0	(2)
16 070	12 180	13 054	15 663	15 316	15 625	15 702	174 206

Coke (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	4 205 494	4 238 306	4 277 911	4 332 225	4 393 101
Production	101 155	102 326	118 820	111 947	111 880
	4 306 649	4 340 632	4 396 731	4 444 172	4 504 981
Closing Inventory	4 238 306	4 277 911	4 332 225	4 393 101	4 462 945
	68 343	62 721	64 506	51 071	42 036
Site Fuel / Use	68 343	62 721	64 506	51 071	42 036
Metering Difference	0	0	0	0	0
	68 343	62 721	64 506	51 071	42 036

Syncrude

Opening Inventory	17 059 811	17 190 712	17 305 585	17 437 647	17 516 611
Production	182 696	160 327	184 316	110 208	188 349
	17 242 507	17 351 039	17 489 901	17 547 855	17 704 960
Closing Inventory	17 190 712	17 305 585	17 437 647	17 516 611	17 651 562
	51 795	45 454	52 254	31 244	53 398
Site Fuel / Use	51 795	45 453	52 254	31 244	53 398
Metering Difference	0	1	0	0	0
	51 795	45 454	52 254	31 244	53 398

June	July	August	September	October	November	December	1996
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4 462 945	4 530 035	4 251 717	4 246 043	4 278 291	4 316 303	4 360 021	4 205 494
115 528	112 739	77 929	80 934	101 631	103 412	93 312	1 231 613

4 578 473	4 642 774	4 329 646	4 326 977	4 379 922	4 419 715	4 453 333	5 437 107
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4 530 035	4 251 717	4 246 043	4 278 291	4 316 303	4 360 021	4 397 184	4 397 184
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48 438	391 057	83 603	48 686	63 619	59 694	56 149	1 039 923
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48 438	57 460	83 603	48 686	63 619	59 694	56 149	706 326
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0	333 597	0	0	0	0	0	333 597
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48 438	391 057	83 603	48 686	63 619	59 694	56 149	1 039 923
--------	---------	--------	--------	--------	--------	--------	-----------

17 651 562	17 791 722	17 918 855	18 056 799	18 188 260	18 330 327	18 461 467	17 059 811
195 619	177 438	192 527	183 478	198 280	183 030	174 880	2 131 148

17 847 181	17 969 160	18 111 382	18 240 277	18 386 540	18 513 357	18 636 347	19 190 959
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17 791 722	17 918 855	18 056 799	18 188 260	18 330 327	18 461 467	18 586 768	18 586 768
------------	------------	------------	------------	------------	------------	------------	------------

55 459	50 305	54 583	52 017	56 213	51 890	49 579	604 191
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55 459	50 304	54 582	52 017	56 213	51 890	49 579	604 188
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0	1	1	0	0	0	0	3
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55 459	50 305	54 583	52 017	56 213	51 890	49 579	604 191
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Sulphur (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	4 394	0	0	0	0
Production	14 224	13 358	15 389	14 247	12 128
	18 618	13 358	15 389	14 247	12 128
Closing Inventory	0	0	0	0	0
	18 618	13 358	15 389	14 247	12 128
Flared / Waste	328	249	330	329	244
Metering Difference	4 394	0	0	0	0
Deliveries	13 896	13 109	15 059	13 918	11 884
	18 618	13 358	15 389	14 247	12 128

Syncrude

Opening Inventory	986 216	1 026 930	1 062 563	1 106 208	1 132 733
Production	41 830	36 509	44 692	27 164	42 966
	1 028 046	1 063 439	1 107 255	1 133 372	1 175 699
Closing Inventory	1 026 930	1 062 563	1 106 208	1 132 733	1 174 893
	1 116	876	1 047	639	806
Deliveries	246	0	0	0	0
Flared or wasted	870	876	1 047	639	806
Metering Difference	0	0	0	0	0
	1 116	876	1 047	639	806

June	July	August	September	October	November	December	1996
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0	131	131	171	297	347	347	4 394
14 906	14 873	11 735	12 570	16 312	16 511	14 395	170 648

14 906	15 004	11 866	12 741	16 609	16 858	14 742	175 042
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131	131	171	297	347	347	0	0
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14 775	14 873	11 695	12 444	16 262	16 511	14 742	175 042
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294	279	249	419	424	382	335	3 862
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0	0	0	0	0	0	788	5 182
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14 481	14 594	11 446	12 025	15 838	16 129	13 619	165 998
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14 775	14 873	11 695	12 444	16 262	16 511	14 742	175 042
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1 174 893	1 219 834	1 261 226	1 308 098	1 352 039	1 397 628	1 438 548	986 216
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45 577	42 041	47 550	44 751	46 425	41 639	40 309	501 453
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1 220 470	1 261 875	1 308 776	1 352 849	1 398 464	1 439 267	1 478 857	1 487 669
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1 219 834	1 261 226	1 308 098	1 352 039	1 397 628	1 438 548	1 478 028	1 478 028
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636	649	678	810	836	719	829	9 641
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0	0	0	0	0	0	0	246
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636	649	678	810	836	719	829	9 395
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0	0	0	0	0	0	0	0
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636	649	678	810	836	719	829	9 641
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Bitumen (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	37 609	23 805	31 894	38 813	25 321
Production	419 254	446 161	515 605	465 769	491 638
From Other	0	0	0	0	0
	456 863	469 966	547 499	504 582	516 959
Closing Inventory	23 805	31 894	38 813	25 321	37 987
	433 058	438 072	508 686	479 261	478 972
Further Processing	433 058	438 072	508 686	479 261	478 972
Metering Difference	0	0	0	0	0
	433 058	438 072	508 686	479 261	478 972

Syncrude

Opening Inventory	266 011	192 229	189 501	197 410	199 215
Production	1 127 785	1 002 201	1 227 948	756 352	1 130 390
From Other	4 454	3 588	3 597	3 667	4 868
	1 398 250	1 198 018	1 421 046	957 429	1 334 473
Closing Inventory	192 229	189 501	197 410	199 215	144 867
	1 206 021	1 008 517	1 223 636	758 214	1 189 606
Further Processing	1 206 020	1 008 516	1 223 636	758 215	1 189 605
Metering Difference	1	1	0	(1)	1
	1 206 021	1 008 517	1 223 636	758 214	1 189 606

Note: Bitumen production includes tertiary recovery from tailing ponds.

June	July	August	September	October	November	December	1996
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37 987	16 956	38 964	34 375	27 736	28 699	37 728	37 609
473 557	504 658	396 073	409 475	520 626	537 467	466 499	5 646 782
0	0	0	0	2 863	3 243	282	6 388

511 544	521 614	435 037	443 850	551 225	569 409	504 509	5 690 779
16 956	38 964	34 375	27 736	28 699	37 728	24 754	24 754
494 588	482 650	400 662	416 114	522 526	531 681	479 755	5 666 025

494 588	482 650	400 662	416 114	522 526	531 681	479 755	5 666 025
0	0	0	0	0	0	0	0

494 588	482 650	400 662	416 114	522 526	531 681	479 755	5 666 025
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144 867	173 884	178 124	193 210	220 283	163 043	159 027	266 011
1 309 747	1 133 686	1 275 547	1 237 387	1 237 992	1 169 780	1 127 894	13 736 709
5 214	6 297	7 348	5 153	5 172	4 549	11 045	64 952

1 459 828	1 313 867	1 461 019	1 435 750	1 463 447	1 337 372	1 297 966	14 067 672
173 884	178 124	193 210	220 283	163 043	159 027	166 325	166 325
1 285 944	1 135 743	1 267 809	1 215 467	1 300 404	1 178 345	1 131 641	13 901 347

1 285 945	1 135 743	1 267 809	1 215 468	1 300 403	1 178 344	1 131 641	13 901 345
(1)	0	0	(1)	1	1	0	2

1 285 944	1 135 743	1 267 809	1 215 467	1 300 404	1 178 345	1 131 641	13 901 347
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Distillate (cubic meters)

	January	February	March	April	May
Suncor					
Opening Inventory	53 090	29 295	31 804	37 080	37 914
Production	368 499	374 818	418 639	380 880	379 162
	421 589	404 113	450 443	417 960	417 076
Closing Inventory	29 295	31 804	37 080	37 914	76 491
	392 294	372 309	413 363	380 046	340 585
Further Processing	350 142	324 106	376 864	331 167	228 638
Site Fuel / Use	4 298	6 988	(4 042)	3 613	11 865
Flared Waste	7	1	5	1 448	0
Metering Difference	0	0	0	0	0
Deliveries	37 847	41 214	40 536	43 818	100 082
	392 294	372 309	413 363	380 046	340 585

Syncrude

Opening Inventory	65 127	79 860	67 717	49 251	86 438
Production	1 019 220	839 827	1 026 023	632 400	988 489
	1 084 347	919 687	1 093 740	681 651	1 074 927
Closing Inventory	79 860	67 717	49 251	86 438	74 536
	1 004 487	851 970	1 044 489	595 213	1 000 391
Further Processing	990 850	842 389	1 030 003	581 965	991 137
Site Fuel / Use	13 635	9 582	14 485	13 247	9 253
Flared Waste	0	0	0	0	0
Metering Difference	2	(1)	1	1	1
Deliveries	0	0	0	0	0
	1 004 487	851 970	1 044 489	595 213	1 000 391

June July August September October November December 1996

76 491	71 259	33 015	27 545	46 420	40 370	62 174	53 090
388 882	394 930	301 883	324 190	419 955	435 334	399 447	4 586 619
465 373	466 189	334 898	351 735	466 375	475 704	461 621	4 639 709
71 259	33 015	27 545	46 420	40 370	62 174	48 400	48 400
394 114	433 174	307 353	305 315	426 005	413 530	413 221	4 591 309

322 531	349 668	258 795	258 929	360 336	365 686	342 282	3 869 144
3 394	1 894	(2 038)	7 738	10 613	(535)	(1 213)	42 575
4	32	66	394	5	1 088	6 734	9 784
0	0	0	0	0	0	0	0
68 185	81 580	50 530	38 254	55 051	47 291	65 418	669 806
394 114	433 174	307 353	305 315	426 005	413 530	413 221	4 591 309

74 536	64 857	116 348	71 834	40 558	42 448	45 199	65 127
1 092 922	952 914	1 063 243	1 029 338	1 091 958	979 680	945 148	11 661 162
1 167 458	1 017 771	1 179 591	1 101 172	1 132 516	1 022 128	990 347	11 726 289
64 857	116 348	71 834	40 558	42 448	45 199	39 937	39 937
1 102 601	901 423	1 107 757	1 060 614	1 090 068	976 929	950 410	11 686 352

1 086 841	891 687	1 092 204	1 045 562	1 074 773	964 470	938 508	11 530 389
15 760	9 736	15 553	15 051	15 295	12 458	11 901	155 956
0	0	0	0	0	0	0	0
0	0	0	1	0	1	1	7
0	0	0	0	0	0	0	0
1 102 601	901 423	1 107 757	1 060 614	1 090 068	976 929	950 410	11 686 352

Historical
1967-1996

Oil Sands Mining and Processing

1967-1987 1988 1989 1990

Suncor

Mined (Tonnes)	611 945 269	38 286 734	39 980 603	35 531 087
Grade (Wt. % bit)	11.55%	11.62%	12.02%	11.97%
Processed (Tonnes)	611 945 097	38 286 734	39 980 603	35 527 560
Grade (Wt. % bit)	11.55%	11.62%	12.02%	11.97%

Syncrude

Mined (Tonnes)	712 349 227	110 228 489	110 355 250	116 230 884
Grade (Wt. % bit)	11.00%	10.54%	10.44%	10.40%
Processed (Tonnes)	714 563 225	110 139 733	108 796 928	118 278 033
Grade (Wt. % bit)	10.99%	10.54%	10.46%	10.38%

1991

1992

1993

1994

1995

1996

40 926 316

40 227 053

39 445 067

47 984 999

49 712 766

51 083 345

11.89%

11.93%

12.20%

11.70%

12.02%

12.05%

40 926 230

40 199 552

39 445 067

47 984 999

49 712 766

51 083 345

11.89%

11.93%

12.20%

11.70%

12.02%

12.05%

124 726 418

125 040 162

131 178 516

140 056 765

147 941 367

149 697 690

10.52%

10.84%

10.77%

10.62%

10.23%

10.24%

124 399 359

124 702 480

130 564 438

140 212 227

149 051 434

148 476 654

10.51%

10.84%

10.77%

10.62%

10.44%

10.40%

Synthetic Crude Oil (cubic metres)

	1967-1987	1988	1989	1990
Suncor				
Opening Inventory	0	44 126	84 126	79 375
Production	46 865 533	2 971 639	3 343 615	3 043 906
From Other	0	0	0	115
	46 865 533	3 015 765	3 427 740	3 123 396
Closing Inventory	44 126	84 126	79 375	125 002
	46 821 407	2 931 639	3 348 365	2 998 394
Site Fuel / Use	582 716	40 439	41 718	46 797
Flared / Waste	3 594	0	0	0
Alberta Fuel	0	0	0	0
Metering Difference	76 711	(97)	2 625	1 165
Deliveries	46 158 386	2 891 297	3 304 022	2 950 433
	46 821 407	2 931 639	3 348 365	2 998 394

Note: 1995 opening inventory and 1994 closing inventory differ due to a change in the method of reporting

Syncrude

Opening Inventory	0	16 735	25 125	24 205
Production	51 973 920	8 718 705	8 630 797	9 083 517
	51 973 920	8 735 440	8 655 922	9 107 722
Closing Inventory	16 735	25 125	24 205	20 278
	51 957 185	8 710 315	8 631 717	9 087 444
Site Fuel / Use	0	34 564	48 964	70 727
Flared / Waste	21 284	0	0	0
Metering Difference	(7 477)	(15)	2	9
Deliveries	51 943 378	8 675 766	8 582 751	9 016 708
	51 957 185	8 710 315	8 631 717	9 087 444

Note: Syncrude production does not include diesel production (SCO site fuel uses) till 1988.

1991

1992

1993

1994

1995

1996

125 002	69 264	75 030	74 194	86 801	102 413
3 551 867	3 369 410	3 326 012	3 578 834	3 966 956	3 895 212
43	0	0	0	0	0
3 676 912	3 438 674	3 401 042	3 653 028	4 053 756	3 997 625
69 264	75 030	74 194	83 610	102 413	83 855
3 607 648	3 363 643	3 326 848	3 569 418	3 951 344	3 913 770

57 971	53 173	47 792	48 514	40 823	46 949
0	1 235	0	0	0	0
0	217 592	256 988	477 787	564 679	516 566
766	2 186	3 209	1 182	(733)	1 240
3 548 911	3 089 458	3 018 859	3 041 936	3 346 575	3 349 015
3 607 648	3 363 643	3 326 848	3 569 418	3 951 344	3 913 770

20 278	45 770	15 956	16 623	18 864	56 243
9 674 946	10 445 017	10 735 857	11 173 195	11 884 563	11 752 449
9 695 224	10 490 787	10 751 813	11 189 818	11 903 427	11 808 692
45 770	15 956	16 623	18 864	56 243	30 593
9 649 454	10 474 831	10 735 190	11 170 954	11 847 184	11 778 099

70 833	75 718	85 147	80 799	104 443	99 577
0	0	0	0	0	0
(47)	52	(1)	(4)	(66)	47
9 578 668	10 399 061	10 650 044	11 090 159	11 742 807	11 678 475
9 649 454	10 474 831	10 735 190	11 170 954	11 847 184	11 778 099

Other Hydrocarbons (cubic metres)

	1967-1987	1988	1989	1990
Suncor				
Heavy Fuel Oil and Diluent Naphtha				
Opening Inventory	0	1 649	1 990	45 323
Production	609 521	9 587	51 409	25 214
	609 521	11 236	53 399	70 537
Closing Inventory	1 649	1 990	45 323	46 645
	607 872	9 246	(*) 8 076.2	23 893
Further processing				
Site Fuel / Use	613 384	13 050	0	0
Flared / Waste	6 024	0	54 210	23 893
Metering Difference	(11 536)	(3 804)	0	(0)
	607 872	9 246	(*) 54 209.5	23 893

Syncrude

Diluent Naphtha

Opening Inventory	68 232	58 712	66 761	57 483
Production	1 481 926	70 089	53 820	69 839
	1 550 158	128 801	120 581	127 322
Closing Inventory	58 712	66 761	57 483	65 184
	(*) 1 491 446	62 040	63 098	62 138
Further Processing	598 897	0	0	0
Site Fuel / Use	19 234	0	0	0
Flared / Waste	849 706	61 645	63 099	62 138
Metering Difference	3 357	395	(1)	0
Deliveries	21 480	0	0	0
	(*) 1 492 673	62 040	63 098	62 138

Note: (*) Totals differ due to the change in method of reporting.

1991 1992 1993 1994 1995 1996

46 645	47 569	45 602	45 557	46 117	39 290
49 613	45 345	30 291	26 057	196 015	233 937
96 257	92 914	75 893	71 613	242 132	273 227
47 569	45 602	45 557	46 117	39 290	36 879
48 689	47 312	30 336	25 497	202 842	236 348

				161 644	191 363
0	0	0	0	0	0
48 689	47 312	30 340	25 497	41 198	44 985
(0)	0	(4)	0	(0)	0
48 689	47 312	30 336	25 497	202 842	236 348

65 184	69 251	69 858	62 467	61 016	64 122
86 075	63 166	40 214	49 343	163 402	176 249
151 259	132 417	110 072	111 810	224 418	240 371
69 251	69 858	62 467	61 016	64 122	66 165
82 008	62 559	47 605	50 794	160 296	174 206

0	0	0	0	90 446	101 194
0	0	0	0	0	0
82 009	62 558	47 605	50 794	69 852	73 014
(1)	1	0	0	(2)	(2)
0	0	0	0	0	0
82 008	62 559	47 605	50 794	160 296	174 206

Coke (tonnes)

	1967-1987	1988	1989	1990
Suncor				
Opening Inventory	0	2 261 336	2 497 965	2 818 449
Production	14 347 012	930 479	1 028 237	903 154
	14 347 012	3 191 815	3 526 202	3 721 603
Closing Inventory	2 261 336	2 497 965	2 818 449	3 051 900
	12 085 676	693 850	707 753	669 703
Site Fuel / Use	12 739 541	705 381	698 849	654 335
Flared / Waste	53 175	0	0	0
Metering Difference	(952 067)	(18 412)	8 904	15 368
Deliveries	245 027	6 881	0	0
	12 085 676	693 850	707 753	669 703

Note: 1992 closing and 1993 opening inventory differ due to adjustment by survey department.

Syncrude

Opening Inventory	2 572	6 504 156	7 529 243	8 433 003
Production	6 503 415	1 025 087	903 760	1 305 199
	6 505 987	7 529 243	8 433 003	9 738 202
Closing Inventory	6 504 156	7 529 243	8 433 003	9 738 202
	1 831	0	0	0
Site Fuel / Use	4 780	0	0	0
Metering Difference	(3 010)	0	0	0
Deliveries	61	0	0	0
	1 831	0	0	0

1991

1992

1993

1994

1995

1996

3 051 900	3 383 324	3 276 713	3 563 445	3 966 605	4 205 494
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1 018 677	995 631	1 027 507	1 194 294	1 274 684	1 231 613
-----------	---------	-----------	-----------	-----------	-----------

4 070 577	4 378 955	4 304 220	4 757 739	5 241 289	5 437 107
-----------	-----------	-----------	-----------	-----------	-----------

3 383 324	3 286 630	3 563 445	3 966 606	4 190 313	4 397 184
-----------	-----------	-----------	-----------	-----------	-----------

687 253	1 092 325	740 775	791 133	1 050 976	1 039 923
---------	-----------	---------	---------	-----------	-----------

687 253	716 876	693 460	791 131	816 849	706 326
---------	---------	---------	---------	---------	---------

0	0	0	0	0	0
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0	375 449	47 315	2	234 127	333 597
---	---------	--------	---	---------	---------

0	0	0	0	0	0
---	---	---	---	---	---

687 253	1 092 325	740 775	791 133	1 050 976	1 039 923
---------	-----------	---------	---------	-----------	-----------

9 738 202	11 107 805	12 563 020	14 016 177	15 508 544	17 059 811
-----------	------------	------------	------------	------------	------------

1 369 603	1 455 215	1 453 157	1 492 367	2 165 080	2 131 148
-----------	-----------	-----------	-----------	-----------	-----------

11 107 805	12 563 020	14 016 177	15 508 544	17 673 624	19 190 959
------------	------------	------------	------------	------------	------------

11 107 805	12 563 020	14 016 177	15 508 544	17 059 811	18 586 768
------------	------------	------------	------------	------------	------------

0	0	0	0	613 813	604 191
---	---	---	---	---------	---------

0	0	0	0	613 810	604 188
---	---	---	---	---------	---------

0	0	0	0	3	3
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0	0	0	0	0	0
---	---	---	---	---	---

0	0	0	0	613 813	604 191
---	---	---	---	---------	---------

Sulphur (tonnes)

	1967-1987	1988	1989	1990
Suncor				
Opening Inventory	0	185 794	159 200	145 177
Production	1 684 424	116 440	130 545	118 556
	1 684 424	302 234	289 745	263 733
Closing Inventory	185 794	159 200	145 177	126 260
	1 498 630	143 034	144 568	137 473
Site Fuel / Use	1 355	0	0	0
Flared / Waste	244 505	8 647	9 021	5 770
Metering Difference	(141 552)	24 348	(19 096)	(1 461)
Deliveries	1 393 203	110 039	154 643	133 164
To Syncrude	1 119	0	0	0
	1 498 630	143 034	144 568	137 473

Note: 1995 opening inventory and 1994 closing inventory differ due to a change in the method of reporting

Syncrude

Opening Inventory	0	1 796	1 545	1 410
Production	2 090 931	368 401	360 300	382 564
From Suncor	1 119	0	0	0
	2 092 050	370 197	361 845	383 974
Closing Inventory	1 796	1 545	1 410	9 276
	2 090 254	368 652	360 435	374 698
Flared / Waste	(399)	0	0	0
Metering Difference	17 502	13	0	0
Deliveries	2 073 151	368 639	360 435	374 698
	2 090 254	368 652	360 435	374 698

1991

1992

1993

1994

1995

1996

126 260	126 143	126 910	0	6 075	4 394
142 255	131 142	137 383	152 403	170 218	170 648
268 515	257 285	264 293	152 403	176 293	175 042
126 143	126 910	0	282	4 394	0
142 372	130 375	264 293	152 121	171 899	175 042

0	0	0	0	0	0
5 480	5 150	5 760	6 902	2 892	3 862
0	(1)	130 954	1	3 058	5 182
136 892	125 226	127 579	145 218	165 949	165 998
0	0	0	0	0	0
142 372	130 375	264 293	152 121	171 899	175 042

9 276	9 713	10 863	10 790	488 317	986 216
407 751	448 035	462 083	478 092	508 268	501 453
0	0	0	0	0	0
417 027	457 748	472 946	488 882	996 585	1 487 669
9 713	10 863	10 790	488 317	986 216	1 478 028
407 314	446 885	462 156	565	10 369	9 641

0	0	0	0	8 413	9 395
0	0	9 111	0	0	0
407 314	446 885	453 045	565	1 956	246
407 314	446 885	462 156	565	10 369	9 641

Bitumen (cubic metres)

	1967-1987	1988	1989	1990
Suncor				
Opening Inventory	0	44 237	32 387	21 579
Production	65 910 077	3 903 380	4 389 179	3 852 749
From Syncrude	257 810	76 523	0	10 126
From Other	0	0	0	5 461
	66 167 886	4 024 140	4 421 566	3 889 916
Closing Inventory	44 237	32 387	21 579	25 029
	66 123 649	3 991 753	4 399 987	3 864 886
Further Processing	66 094 384	3 984 533	4 399 987	3 864 886
Flared / Waste	0	7 220	0	0
Metering Difference	25 159	0	0	1
Deliveries	4 106	0	0	0
	66 123 649	3 991 753	4 399 987	3 864 886

Syncrude

Opening Inventory	0	513 509	233 159	230 152
Production	66 954 746	10 559 758	10 318 810	11 042 713
From Other	0	0	0	0
	66 954 746	11 073 267	10 551 969	11 272 865
Closing Inventory	513 509	233 159	230 152	240 935
(*)	66 441 237	10 840 108	10 321 817	11 031 930
Further Processing	66 217 838	10 763 860	10 316 740	11 021 804
Site Fuel / Use	2 509	0	0	0
Flared / Waste	19 595	0	0	0
Metering Difference	(35 108)	(392)	3 974	0
To Suncor	257 816	76 640	0	10 126
To Other	2 150	0	1 103	0
(*)	66 464 799	10 840 108	10 321 817	11 031 930

Note: (*) Totals differ due to the change in method of reporting.

1991	1992	1993	1994	1995	1996
25 029	46 118	23 888	22 631	31 861	37 609
4 377 049	4 239 817	4 397 623	5 122 150	5 462 832	5 646 782
0	0	0	0	0	0
4 808	0	0	0	0	6 388
4 406 886	4 285 935	4 421 511	5 144 782	5 494 693	5 690 779
46 118	23 888	22 631	31 861	37 609	24 754
4 360 768	4 262 047	4 398 880	5 112 921	5 457 084	5 666 025
4 360 768	4 262 047	4 398 882	5 112 921	5 457 084	5 666 025
0	0	0	0	0	0
0	(0)	(2)	(0)	0	0
0	0	0	0	0	0
4 360 768	4 262 047	4 398 880	5 112 921	5 457 084	5 666 025
240 935	455 245	434 502	386 842	410 765	266 011
11 766 717	12 266 315	12 669 460	13 320 169	13 893 503	13 736 709
44 493	180 735	64 742	68 134	24 973	64 952
12 052 145	12 902 295	13 168 704	13 775 145	14 329 241	14 067 672
455 245	434 502	386 842	410 765	266 011	166 325
11 596 900	12 467 793	12 781 862	13 364 380	14 063 230	13 901 347
11 592 873	12 467 799	12 781 861	13 364 380	14 063 229	13 901 345
0	0	0	0	0	0
1	0	0	0	0	0
4 026	(6)	1	0	1	2
0	0	0	0	0	0
0	0	0	0	0	0
11 596 900	12 467 793	12 781 862	13 364 380	14 063 230	13 901 347

Distillate (cubic metres)

	1967-1987	1988	1989	1990
Suncor				
Opening Inventory	33 144	61 134	4 386	5 312
Production	51 396 749	3 111 532	3 616 599	3 273 964
From Other	4 340	0	0	0
	51 434 233	3 172 666	3 620 985	3 279 276
Closing Inventory	61 134	4 386	5 312	13 689
	51 373 099	3 168 280	3 615 674	3 265 587
Further Processing	48 930 240	3 119 922	3 573 099	3 225 995
Site Fuel / Use	125 923	10 916	13 479	10 624
Flared / Waste	140 265	7 964	9 505	40
Metering Difference	34 760	2 241	2 325	(731)
Deliveries	2 141 912	27 237	17 266	29 659
	51 373 099	3 168 280	3 615 674	3 265 587

Syncrude

Opening Inventory	120 311	49 632	121 244	132 129
Production	53 015 810	8 708 573	8 583 000	9 132 203
	53 136 121	8 758 205	8 704 244	9 264 332
Closing Inventory	49 632	121 244	132 129	156 143
(*)	53 086 489	8 636 961	8 572 115	9 108 189
Further Processing	53 027 155	8 607 031	8 439 261	8 939 686
Site Fuel / Use	(5 352)	0	0	0
Flared / Waste	26 627	0	0	0
Diluent				
Carryover/Rerun	(230 045)	0	0	0
Metering Difference	7 804	29 930	132 854	117 533
Deliveries	0	0	0	50 970
(*)	52 826 190	8 636 961	8 572 115	9 108 189

Note: (*) Totals do not balance due to the change in method of reporting.

1991

1992

1993

1994

1995

1996

13 689

6 044

6 443

45 198

48 043

53 090

3 767 644

3 604 436

3 792 843

4 297 671

4 881 913

4 586 619

0

0

0

0

0

0

3 781 333

3 610 480

3 799 285

4 342 868

4 929 956

4 639 709

6 044

6 443

45 198

48 043

53 090

48 400

3 775 289

3 604 037

3 754 088

4 294 825

4 876 866

4 591 309

3 748 262

3 504 546

3 557 435

3 704 992

4 195 081

3 869 144

1 989

4 512

1 665

0

196 015

42 575

492

0

290

22 461

9 171

9 784

1 077

2 848

495

(403)

0

0

23 469

92 131

194 203

567 775

476 599

669 806

3 775 289

3 604 037

3 754 088

4 294 825

4 876 866

4 591 309

156 143

97 276

73 598

38 126

75 377

65 127

9 597 720

10 376 696

10 624 343

11 146 585

11 796 592

11 661 162

9 753 863

10 473 972

10 697 941

11 184 711

11 871 969

11 726 289

97 276

73 598

38 126

75 377

65 127

39 937

9 656 587

10 400 374

10 659 815

11 109 334

11 806 842

11 686 352

9 495 693

10 478 036

10 535 314

10 979 307

11 672 613

11 530 389

0

0

0

0

134 229

155 956

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160 894

(77 662)

124 501

130 027

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9 656 587

10 400 374

10 659 815

11 109 334

11 806 842

11 686 352



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